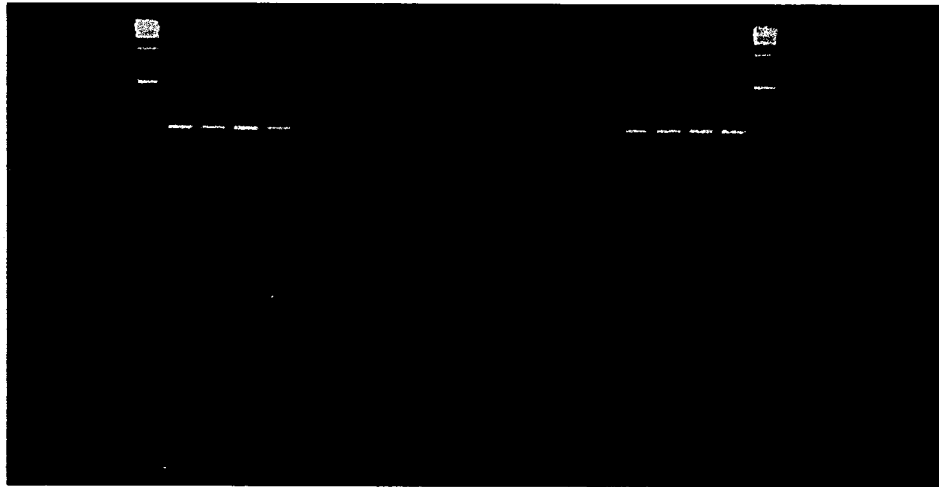


FIG. 1

2/11

2 4 6 8 10 12 14 16 18  
1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
AMPLIFICATIONS  
33 CYCLES

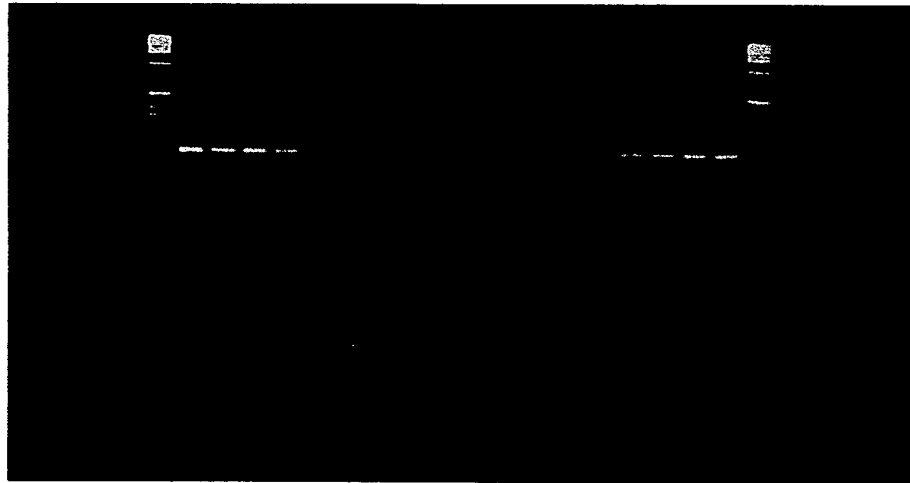
<u>LANE</u>	<u>Q#</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE NUMBER</u>	<u>GRADE</u>
1	7903.8	ABNORMAL	1	A
2	5627.4	ABNORMAL	2	A
3	8809.11	ABNORMAL	3	A
4	5421.94	ABNORMAL	4	A
5	1838.07	POSITIVE CONTROL		B
6	-549.23	NORMAL	5	C
7	-715	NORMAL	6	C
8	-1605.13	NORMAL	7	C
9	-824.73	NORMAL	8	C
10	259.77	NORMAL	9	C
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >2000  
B= 500-2000  
C= <500

FIG. 2

3/11

2 4 6 8 10 12 14 16 18  
1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
AMPLIFICATIONS  
35 CYCLES

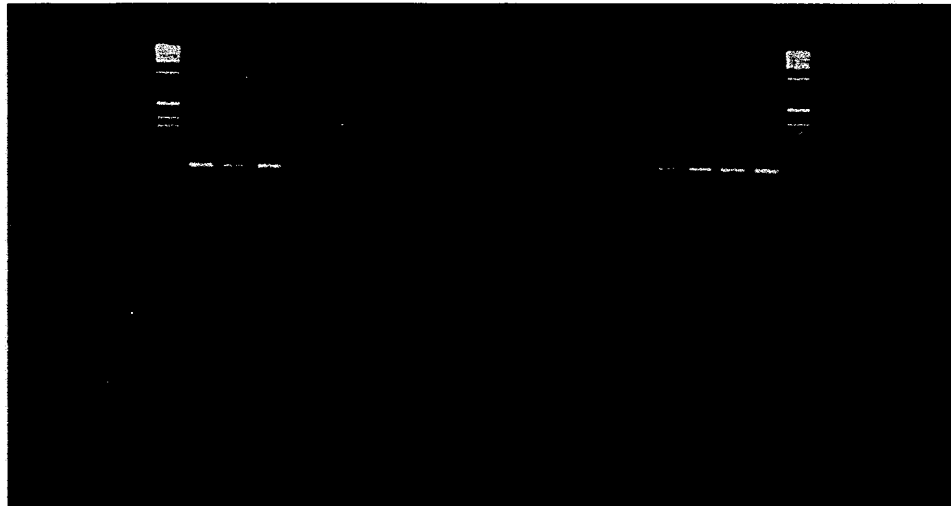
LANE	Q#	SAMPLE TYPE	SAMPLE NUMBER	GRADE
1	10851.04	ABNORMAL	1	A
2	8862.34	ABNORMAL	2	A
3	9777.85	ABNORMAL	3	A
4	6874.28	ABNORMAL	4	A
5	2392.07	POSITIVE CONTROL		B
6	3080.62	NORMAL	5	B
7	813.45	NORMAL	6	C
8	-720.04	NORMAL	7	C
9	-442.2	NORMAL	8	C
10	1353.86	NORMAL	9	B
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >5000  
B= 1000-5000  
C= <1000

FIG. 3

4/11

2 4 6 8 10 12 14 16 18  
1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
AMPLIFICATIONS  
34 CYCLES

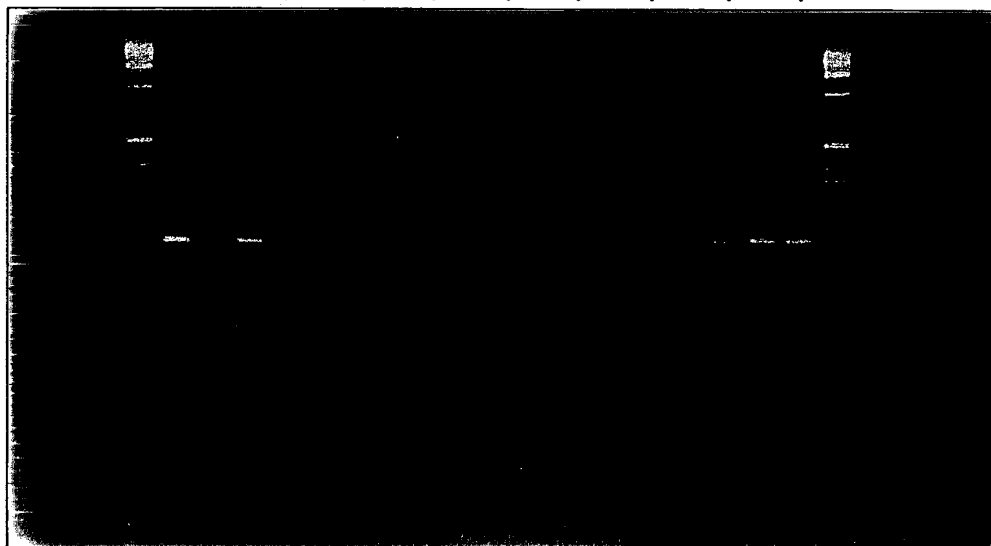
<u>LANE</u>	<u>Q#</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE NUMBER</u>	<u>GRADE</u>
1	8428.34	ABNORMAL	1	A
2	4917.31	ABNORMAL	2	A
3	7742.22	ABNORMAL	3	A
4	3049.85	ABNORMAL	4	A
5	409.5	POSITIVE CONTROL		B
6	-682.75	NORMAL	5	C
7	-781.09	NORMAL	6	C
8	-1099.28	NORMAL	7	C
9	-1015.39	NORMAL	8	C
10	359.74	NORMAL	9	B
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >750  
B= 250-750  
C= <250

FIG. 4

5/11

2 4 6 8 10 12 14 16 18  
1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
AMPLIFICATIONS  
33 CYCLES

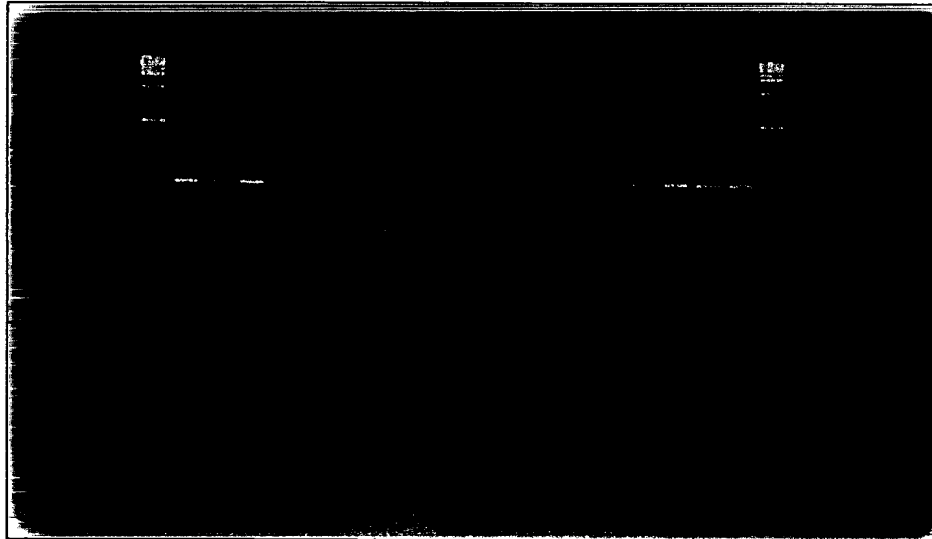
<u>LANE</u>	<u>Q#</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE NUMBER</u>	<u>GRADE</u>
1	7879.15	ABNORMAL	1	A
2	4079.09	ABNORMAL	2	A
3	7995.95	ABNORMAL	3	A
4	2600.3	ABNORMAL	4	A
5	1698.19	POSITIVE CONTROL		B
6	-405.32	NORMAL	5	C
7	-466.15	NORMAL	6	C
8	-1046.47	NORMAL	7	C
9	-764.83	NORMAL	8	C
10	105.05	NORMAL	9	C
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >2000  
B= 500-2000  
C= <500

FIG. 5

6/11

2 4 6 8 10 12 14 16 18  
1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
AMPLIFICATIONS  
34 CYCLES

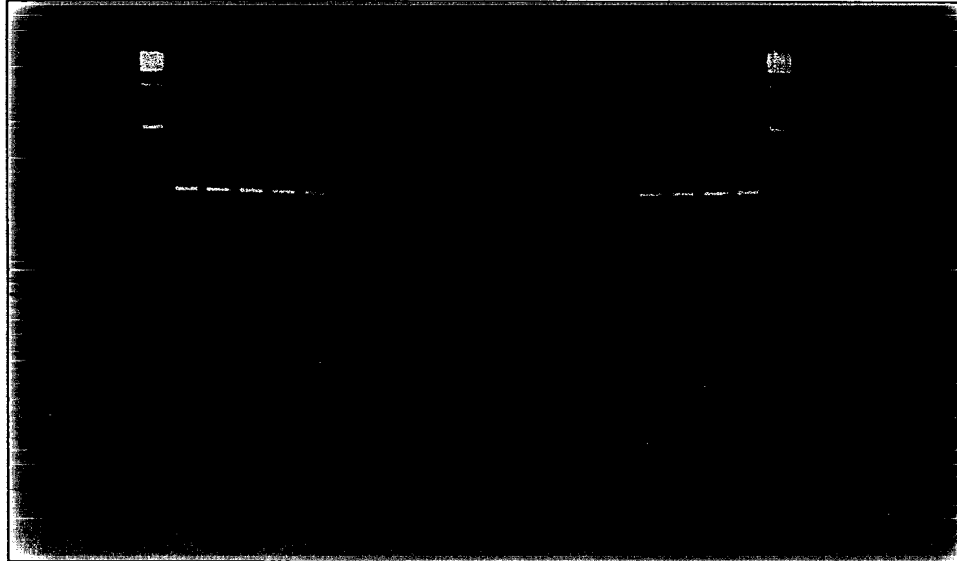
<u>LANE</u>	<u>Q#</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE NUMBER</u>	<u>GRADE</u>
1	7852.95	ABNORMAL	1	A
2	4797.07	ABNORMAL	2	A
3	8543.47	ABNORMAL	3	A
4	3597.23	ABNORMAL	4	A
5	943.84	POSITIVE CONTROL		B
6	-296.7	NORMAL	5	C
7	-5.48	NORMAL	6	C
8	-896.94	NORMAL	7	C
9	-196.87	NORMAL	8	C
10	414.81	NORMAL	9	C
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >2000  
B= 500-2000  
C= <500

FIG. 6

7/11

2 4 6 8 10 12 14 16 18  
 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
 AMPLIFICATIONS  
 34 CYCLES

<u>LANE</u>	<u>Q#</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE NUMBER</u>	<u>GRADE</u>
1	7660.6	ABNORMAL	1	A
2	7032.89	ABNORMAL	2	A
3	8364.31	ABNORMAL	3	A
4	6892.04	ABNORMAL	4	A
5	4883.47	POSITIVE CONTROL		A
6	1934.67	NORMAL	5	B
7	1380.64	NORMAL	6	B
8	-964.17	NORMAL	7	C
9	1729.51	NORMAL	8	B
10	2221.69	NORMAL	9	B
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >5000  
 B= 1000-5000  
 C= <1000

FIG. 7

8/11

2 4 6 8 10 12 14 16 18  
 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |



200bp  
 AMPLIFICATIONS  
 33 CYCLES

<u>LANE</u>	<u>Q#</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE NUMBER</u>	<u>GRADE</u>
1	8519.13	ABNORMAL	1	A
2	5745.19	ABNORMAL	2	A
3	9765.65	ABNORMAL	3	A
4	4153.79	ABNORMAL	4	A
5	1869.33	POSITIVE CONTROL		B
6	418.37	NORMAL	5	C
7	405.91	NORMAL	6	C
8	-258.08	NORMAL	7	C
9	141.64	NORMAL	8	C
10	450.78	NORMAL	9	C
11		NEG CONTROL	-	
12		NEG CONTROL	-	
13	400	400	STANDARD	
14	2000	2000	STANDARD	
15	4000	4000	STANDARD	
16	6000	6000	STANDARD	
17	8000	8000	STANDARD	
18	10000	10000	STANDARD	

A= >2000  
 B= 500-2000  
 C= <500

FIG. 8



9/11

1.8kb		
AMPLIFICATIONS		
36 CYCLES		
LANE	Q#	SAMPLE
1		NEG CONTROL
2	102.935	ABNORMAL
3	260.645	ABNORMAL
4	0.075	NORMAL
5	48.305	ABNORMAL
6	0.045	NORMAL
7	18.575	NORMAL
8		NEG CONTROL
9		NEG CONTROL
10	75	
11	125	
12	250	
13	500	
14	1000	

ABNORMAL / NORMAL CUTOFF 40

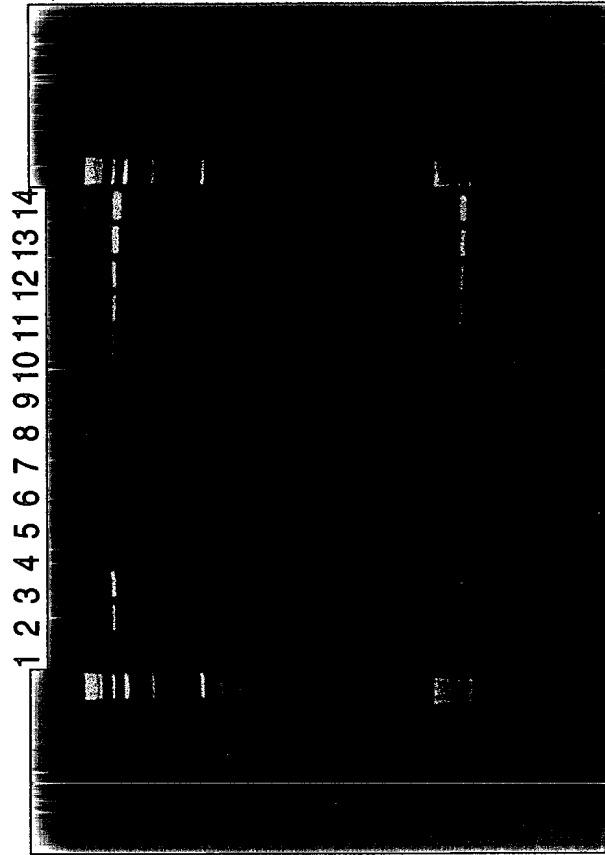


FIG. 9

10/11

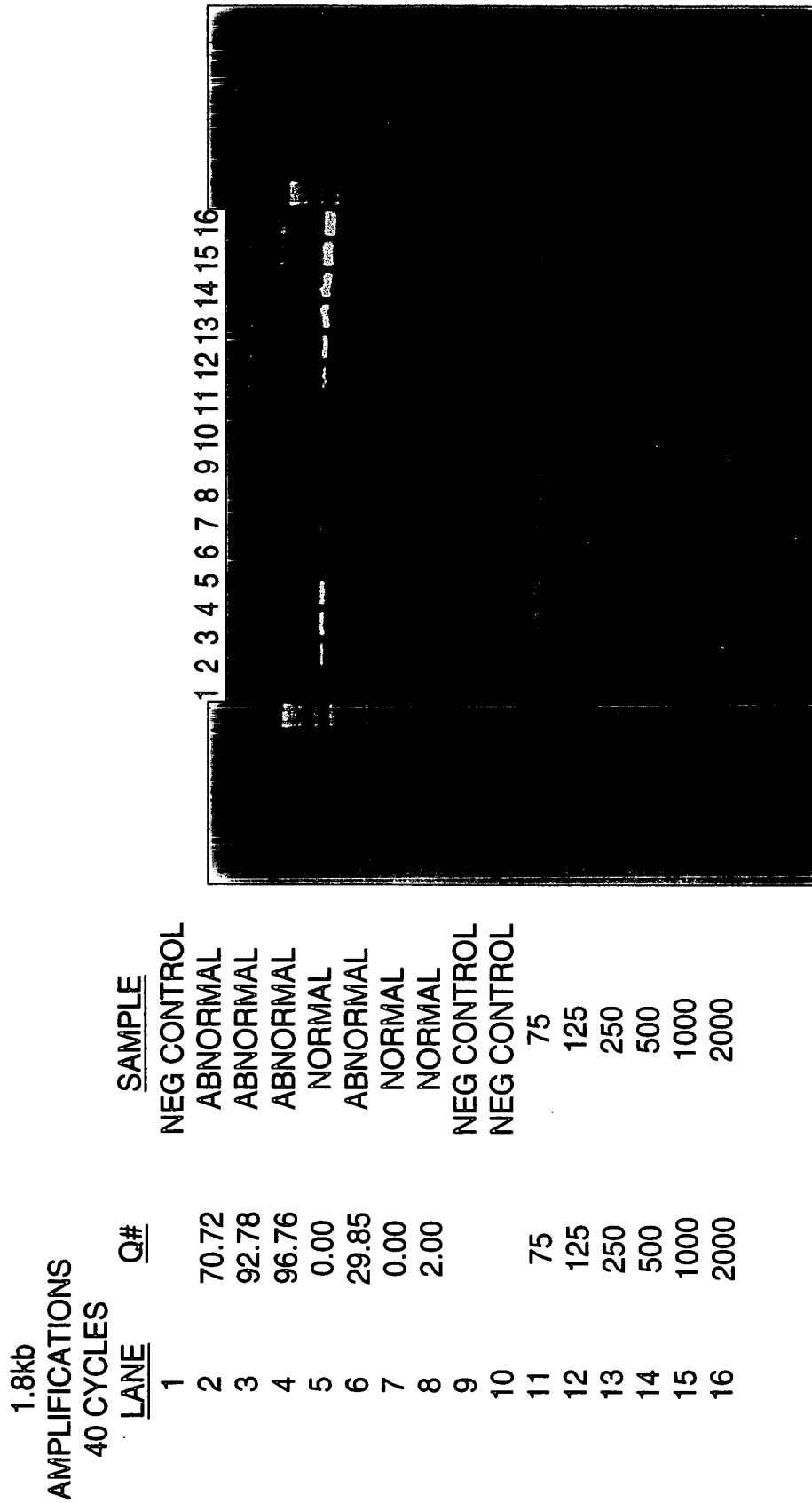
1.8kb			
AMPLIFICATIONS			
38 CYCLES			
LANE	Q#	SAMPLE	
1		NEG CONTROL	
2	81.84	ABNORMAL	
3	91.515	ABNORMAL	
4	0.04	NORMAL	
5	24.86	ABNORMAL	
6	0.88	NORMAL	
7	17.25	NORMAL	
8		NEG CONTROL	
9		NEG CONTROL	
10	75		
11	125		
12	250		
13	500		
14	1000		

ABNORMAL / NORMAL CUTOFF 20



FIG. 10

11/11



ABNORMAL / NORMAL CUTOFF 10

FIG. 11